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Sirotsinskaya, K. A. Bogomolov, 16 pp.

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Sci - Phys
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CIA/TID XX-1507
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Fr-1

K. S. BOGOMOLOV, I. A. RUDITSKAYA, A. A. SIROTINSKAYA

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triethanolamine

Hypersensibilisation des émulsions photographiques nucléaires
par triéthanolamine

Zhur. Nauch. i Priklad. Fot. i Kinematografi, 3, 52-3 (1958)

CEA-tr-R-755. - French

E u r a t o m

TT-65-26480

Field 14E

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TOGRAFISCHE EMULSIE ONDER INVLOED VAN
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nizm Chuvstvitelnosti Fotogr. Emulsi k Delstviyu
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USE IN INTERNAL USE ONLY

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Investigation of Microconductivity of
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Dobromirskiy, V. H. Zherkov, 14 pp.

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Submitted: 29, 1999 Received: 12, 2000 Accepted: 12, 2000
 Published online: 1999, 10, 29

157 1271 00-0000

W.A. - Phil: Flyer
G.L. - 64
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The Scientific Principles of a Russian Formula for
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...ography, by K. S. Bogomolov, ...
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Quantitative Study on the Photographic Study of Electrons of Different Energies. II, The Electron Sensitivity of Emulsions as a Function of the Micro-Crystal Dimensions in them, by K. S. Bogomolov, E. P. Dobroserdova, V. N. Zharkov, 10 pp.

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Nikfi Photo Materials for Nuclear Studies of
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Bogomolov, K. S., Sirotinskaya, A. A. and others.
 THE SCIENTIFIC PRINCIPLES OF A RATIONAL
 FORMULA FOR NUCLEAR PHOTOEMULSIONS
 THAT RECORD TRACES OF PARTICLES WITH
 MINIMUM IONIZATION (TYPE R) [Nauchnyye
 Printsipy Ratsional'noy Reitseptury Yadernykh Foto-
 emul'siy Registriruyushchikh Sledy Chastits s Mini-
 mal'noy Ionizatsiyey (Tip R)], tr. by Richard B.
 Mudge. [19(0) 45p. (foreign text included) 21 refs
 Order from L.C. or S.L.A. ml\$3.00, ph\$7.80
 UCRL trans-459

Trans. of Vsesoyuznyy Nauchno-Issledovatel'skiy
 Kinofotoinstitut. Trudy (USSR) 1957, no. 11(21)
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The general principles are reviewed upon which the
 development of a type R photoemulsion is based.

(Materials--Photographic, TT, v. 5, no. 6)

1. Photographic emulsions--
Development
2. Particle trajectories--
Detection
1. Bogomolov, K. S.
- II. Sirotinskaya, A. A.
- III. UCRL trans-459
- IV. Lawrence Radiation Lab.,
U. of California,
Berkeley

Office of Technical Services

Bogomolov, K. S.

THE THEORETICAL BASES FOR THE PREPARATION OF HIGH QUALITY, FINE-GRAIN PHOTOGRAPHIC EMULSIONS (THE PRINCIPLE OF HOMOGENEITY) (Teoreticheskiye Osnovy Izgotovleniya Vysokochuvstvitel'nykh Meklozernistykh Fotograficheskikh Emul'siy). [1960] 23p. (foreign text included) 8 refs.

Order from L.C. or S.L.A. m\$2.70, ph\$4.80

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Trans. of Vsesoyuznyy Nauchno-Issledovatel'skiy Kinofotostat. Trudy (USSR) 1957, no. 11(21), p. 6-16.

The proposal is made to base the system of emulsion formulas upon the principle of homogeneity. Data are cited which indicate that in order to obtain maximum photosensitivity with minimum fog, the emulsion preparation must be so arranged that all the emulsion microcrystals have maximum homogeneous distribution. (Materials--Photographic, TT, v. 5, no. 6) (over)

61-15413

1. Photographic emulsions--
Sensitivity

1. Bogomolov, K. S.

II. UCRL Trans-451

III. Lawrence Radiation Lab.,
U. of California, Berkeley

Office of Technical Services

Bogomolov, K. S.

**FLUCTUATIONS IN THE DENSITY OF CHARGED
PARTICLE TRACKS IN NUCLEAR EMULSIONS.**

[1961] 7p. 8 refs.

Order from OTS or SLA \$1.10

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Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
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DESCRIPTORS: *Photographic emulsions, Sensitivity,
*Particles, Ionization, Density, *Particle trajectories,
Probability, Statistical distributions.

R-type emulsions in various degrees of finishing, with
a sensitivity within the limits of 15-55 grains per 100 μ ,
in the relativistic particle track, were used to study
the characteristic distribution of the density within the
wider limits of its absolute value. Histograms are
given of the distribution of the number of grains in 600
(Materials--Photographic, TT, v. 6, no. 12) (over)

61-20065

I. Bogomolov, K. S.

Office of Technical Services

Bogomolov, K. S., Deberdeyev, M. Yu. and others.
TYPE MP AND MK PHOTOMATERIALS FOR MICRO-
AUTORADIOGRAPHY, tr. by Ester Goldberg. 1961,
11p.
Order from LC or SLA ml\$2.40, ph\$3.30
UCRL Trans-460

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Kinofotoinstitut. Trudy (USSR) 1957, no. 11(21)
p. 87-93.

Discussions are presented on (1) the characteristics of
type MK and MP photographic materials, (2) radio-
graphic photofilms on flexible backing, (3) a method for
applying emulsion film to geological sections, metal
compounds, and histological slices, and (4) photo-
graphic materials with removable film.

(Materials--Photographic, TT, v. 5, no. 11)

61-15896

1. Autoradiography--
Materials
2. Photographic film--
Analysis
- I. Bogomolov, K. S.
- II. Deberdeyev, M. Yu.
- III. UCRL Trans-460
- IV. Lawrence Radiation Lab.,
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Berkeley

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